MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

JUNE 1923

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Weather Bureau

J. A. BROWN, DIRECTOR

PRINTED AT THE UNIVERSITY PRESS

JUNE 1923

METEOROLOGICAL REGISTER

Date	Barometer reduced to 0°C. Sea level and 45° Latitude				Thermometer Cent. (Corrected)			Bright Sunshine hrs.	Rain m.m.
	8:30	2:30	8:30	mean	Max.	Min.	Min.on grass		
1	759.3	759.1	759.2	759.2	28.8	20.6			
2	9.8	9.9	60.8	60.2	28.6	20.3			
3	60.8	60.3	0.8	0.6	28.7	20.8			
4	1.3	0.9	1.3	1.2	28.4	20.7			
5	1.2	0.6	0.3	0.7	30.8	22.7	—	—	—
6	59.3	58.9	58.9	59.0	31.6	23.4			
7	7.3	6.2	6.1	6.5	33.9	24.5			
8	6.3	7.3	8.3	7.3	29.0	24.4			
9	60.6	59.7	60.8	60.4	28.7	20.5			
10	1.2	60.0	59.0	0.0	28.4	21.2	—	—	—
11	57.9	56.8	7.8	57.5	31.4	23.3			
12	8.1	7.7	8.2	8.0	28.8	22.8			
13	5.2	8.1	9.3	7.5	26.7	21.1			
14	8.7	8.8	9.8	9.1	28.3	20.9			
15	61.1	61.2	62.0	61.4	27.7	19.8	—	—	—
16	2.4	1.7	2.4	2.2	27.3	20.6			
17	1.1	0.6	1.3	1.0	27.3	21.5			
18	0.3	0.5	0.3	0.4	27.2	19.6			
19	0.2	0.1	0.1	0.1	27.2	20.6			
20	59.8	58.7	58.7	59.0	28.2	21.2	—	—	—
21	8.4	7.9	8.6	8.3	29.4	21.9			
22	8.3	6.5	6.5	7.1	32.2	23.4			
23	6.4	5.6	5.9	6.0	31.1	24.0			
24	5.9	6.4	7.0	6.4	30.2	23.0			
25	7.1	7.0	7.7	7.2	30.8	22.9	—	—	—
26	8.2	8.2	8.6	8.3	28.9	24.4			
27	8.4	9.0	9.4	9.0	28.3	24.6			
28	9.7	8.7	8.6	9.0	30.1	22.7			
29	8.1	7.8	7.1	7.6	28.8	21.3			
30	6.6	5.5	5.1	5.7	29.5	21.3			
31									
	759.0	758.6	755.1	755.7	29.2	22.0			

BAROMETER

Maximum	762.4	on 16th
Minimum	755.1	on 30th

THERMOMETER

Maximum	33.9	on 7th
Minimum	19.6	on 18th
Minimum on grass		on

RAINFALL

Maximum mm. on

Number of days with rain 0 thunderstorms 0 fog 0 gale 1

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METEOROLOGICAL REGISTER

Date	Dry Bulb Cent. (Corrected)				Wet Bulb Cent. (Corrected)			Elasticity of Vapour mm.				Relative Moisture per cent.			
	8:30	2:30	8:30	mean	8:30	2:30	8:30	8:30	2:30	8:30	mean	8:30	2:30	8:30	mean
1	25.7	27.7	22.7	25.4	22.7	24.1	21.1	18.1	19.2	18.3	18.5	73	69	89	77
2	25.6	27.8	23.0	25.5	23.0	23.8	21.2	18.8	18.7	17.0	18.2	77	68	83	76
3	25.0	28.3	24.2	25.8	21.2	24.0	22.3	15.9	18.7	18.5	17.7	68	65	82	71
4	25.1	27.7	24.4	25.7	22.4	23.6	22.8	18.1	18.3	19.3	18.6	76	66	85	76
5	29.8	28.8	26.5	28.4	25.2	24.2	23.2	20.0	18.7	18.5	19.0	64	63	71	66
6	27.7	30.1	27.3	28.3	24.5	23.8	23.9	20.1	17.1	19.3	18.8	72	54	72	66
7	29.9	33.4	27.8	30.4	22.4	22.3	20.1	15.0	13.1	12.6	13.6	48	33	45	42
8	26.9	28.9	26.7	27.5	23.9	21.9	19.5	19.5	14.7	12.3	15.5	74	49	47	56
9	27.4	27.7	26.7	27.2	20.1	21.2	22.3	12.9	14.3	16.6	14.6	47	52	63	54
10	26.1	28.2	24.3	26.2	22.0	23.2	22.9	16.5	17.3	19.6	17.8	65	61	87	71
11	27.1	31.1	24.9	27.7	24.4	24.0	22.0	20.4	16.8	17.4	18.2	78	50	73	67
12	26.1	27.4	23.3	25.6	20.6	21.0	16.7	14.2	14.1	10.5	12.9	56	51	48	51
13	23.8	25.9	22.7	24.1	18.9	21.2	19.2	13.1	15.2	14.1	14.1	58	60	69	62
14	25.6	27.8	22.7	25.4	20.9	21.2	18.8	15.1	14.1	13.4	14.2	62	51	66	60
15	25.7	26.3	22.9	25.0	20.9	20.9	19.6	15.1	14.7	14.5	14.8	61	57	70	63
16	25.0	26.5	23.2	24.9	20.9	21.0	20.1	15.4	14.6	15.2	15.1	65	56	72	64
17	24.7	26.9	22.8	24.8	19.8	21.2	19.9	13.8	14.7	15.2	14.6	60	55	74	63
18	24.9	26.9	23.0	24.9	20.6	21.6	20.6	15.0	15.4	16.2	15.5	63	58	78	66
19	25.5	26.6	23.5	25.2	22.1	22.6	21.1	17.1	17.3	16.8	17.0	70	67	78	71
20	25.6	28.1	24.2	26.0	22.6	23.7	22.3	18.0	18.2	18.6	18.3	74	64	82	70
21	26.3	28.8	24.4	26.5	23.9	24.3	22.5	20.0	19.0	18.6	19.2	78	64	82	75
22	28.0	31.5	26.6	28.7	26.5	26.6	24.0	24.3	21.5	20.0	21.9	87	63	76	79
23	27.2	30.4	26.2	27.9	23.8	24.2	24.6	19.1	17.6	21.6	19.4	72	55	86	71
24	27.2	30.1	26.6	28.0	23.8	24.7	24.7	18.5	18.7	21.4	19.5	65	59	82	69
25	29.4	30.5	25.6	28.5	24.3	24.6	23.8	18.4	18.3	20.3	19.0	60	56	83	66
26	27.8	28.9	25.8	27.5	23.9	25.7	24.7	18.9	21.6	18.9	19.8	68	72	60	67
27	27.0	30.5	25.6	27.7	24.0	24.6	23.8	19.7	18.2	20.3	19.4	74	56	83	71
28	27.2	28.9	25.8	27.3	24.6	25.7	24.7	20.6	21.6	22.0	21.4	77	73	89	80
29	26.6	28.1	22.7	25.8	22.4	22.8	20.9	17.0	16.6	17.1	16.9	66	58	84	69
30	26.8	28.9	23.6	26.4	23.5	24.6	20.4	18.8	19.3	15.5	17.8	71	65	71	69
31															
	26.6	28.6	24.6	26.6	22.7	23.3	21.8	17.6	17.2	17.3	17.4	68.0	59.0	74.0	67.0

Height of Barometer above sea level: 33.7 meters.

" " Thermometers above ground:

Dry and wet 1.55 m.; Max. 1.75 m.; Min. 1.70 m.

Height of Rain Guage: above ground 0.56 m.; above sea level 30.31 m.

Gravity Correction −0.79mm.

Time of readings according to Standard Time of 30th E. Meridian.

JUNE 1923

METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	2:30	8:30	mean	8:30	2:30	8:30	Km.		
1	0	0	0	0	I	I	0	81.6	calm	
2	0	0	0	0	2	2	0	109.4	,,	
3	0	4	0	1.3	I	I	0	125.2	,,	
4	7	0	0	2.3	I	In	Ine	84.8	,,	
5	0	0	0	0	0	Iw	0	147.0	,,	
6	0	0	0	0	I	2	2	197.6	v. slight	
7	0	0	0	0	Ine	0	0	101.1	calm	
8	0	0	0	0	3	3	2	142.7	v. slight	
9	0	10	0	3.3	I	2	0	99.8	,,	
10	0	0	2n	0.7	2n	2n	0	159.3	,,	
11	9cu s	10	0	6.3	2	I	2w	171.4	,,	
12	0	0	4cu n	1.3	2	4	3	196.6	rough	trace at night
13	10cu n	8	2n	6.7	3	3	2	745.7	,,	gale
14	3	8	2cu n	4.3	3	3	2	150.8	slight	
15	0	0	10cu s	3.3	2	2	I	145.1	v. slight	
16	0	8	0	2.7	I	2	0	141.6	,,	
17	0	0	0	0	2	I	0	159.8	,,	
18	0	I	10s n	3.7	I	I	0	116.7	,,	
19	0	7	0	2.3	0	In	0	112.6	calm	
20	0	0	0	0	0	Inw	0	115.0	,,	
21	0	0	0	0	0	Iw	0	122.3	,,	
22	0	0	0	0	2	2	2	170.4	v. slight	
23	0	0	0	0	3	3	2	203.5	,,	
24	0	0	0	0	2	2	I	196.2	,,	
25	0	0	0	0	I	0	I	130.0	calm	
26	9cu s	0	0	3	2n	2n	3n	167.8	v. slight	
27	0	0	0	0	3n	3n	In	203.9	slight	
28	0	0	8	2.7	I	I	0	140.3	calm	
29	0	0	0	0	I	I	0	135.2	v. slight	
30	0	0	0	0	I	I	0	160.0	calm	
31										
				I.4						

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	3	1	0	0	0	22	0	0	4
2:30	5	0	0	0	0	20	2	1	2
8:30	2	1	0	0	0	9	1	1	16
Totals	10	2	0	0	0	51	3	2	22

N.B.—Cloud numbers without letters are all cu.
Wind ,, ,, ,, ,, ,, sw.